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IN THE CLAIMS

Claim 1 (currently amended). A syringe for delivering flowable and/or highly viscous materials ~~with a~~ comprising a right-cylindrical syringe tube, ~~which has~~ having an outlet nozzle at a first end thereof, and a second end which is threaded to accommodate a removable handle having complementary threads, a material container disposed therein, a removable handle having a borehole passing through it to communicate with the interior of said syringe tube, one end of said borehole having threads to accommodate said threaded end of said syringe tube and the other end having threads to accommodate a threaded piston, which is said handle being disposed at the threaded onto said second end of the said syringe tube ~~opposite to the~~ outlet nozzle, and a syringe piston, one end of which ~~can be moved~~ is movable through the said borehole in said handle and thence, by rotating the piston under the influence of said threads, into the syringe tube and the material container disposed therein, the other end of said piston projecting outwardly from said syringe wherein ~~the handle is connected by means of a thread to the syringe tube, the said~~ material container ~~has~~ having a closed lateral surface around its axis and ~~the open~~ ends ~~of the~~ material container are constructed open and wherein the said syringe tube and outlet nozzle ~~are constructed in one piece~~ being of single-piece construction.

Claim 2 (currently amended). The syringe of claim 1, wherein one end of the material container is disposed at the outlet nozzle and a plug, which can be moved between the ends, is disposed at the opposite ~~ends~~ end, the end of the syringe piston, which can be moved into the syringe, being constructed to lie in contact with the plug.

Claim 3 (previously presented). The syringe of claim 2, wherein the lateral surface of the material container around the axis is dimensionally stable.

Claim 4 (cancelled).

Claim 5 (previously presented). The syringe of claim 1, wherein the material container is formed from a flexible material and a plug, which can be moved in the syringe tube, is disposed at the end of the material container facing the handle, the end of the syringe piston, which can be moved into the syringe, being constructed to lie in contact with the plug.

Claim 6 (previously presented) The syringe of any one of claims 1, 2, 3 or 5, wherein the external diameter of the material container is about equal in size to the internal diameter of the syringe tube.

Claim 7 (cancelled).

Claim 8 (previously presented). A method for delivering dental materials, which comprises delivering said dental materials with the syringe of claim 1.